



A Simple Trip Wire

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TOOLS:

- [Scissors \(1\)](#)
- [Soldering/desoldering tools \(1\)](#)
- [Wire cutter/stripper \(1\)](#)



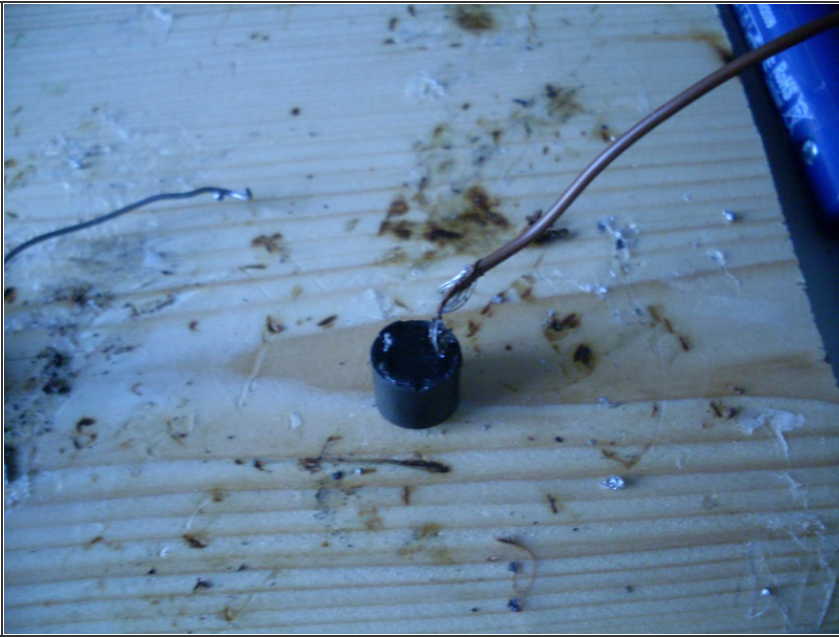
PARTS:

- [AA Battery Holder \(1\)](#)
- [AA Battery \(1\)](#)
- [Beeper/Buzzer \(1\)](#)
- [Cable \(1\)](#)
- [Copper pins \(3\)](#)
- [Photo frame hook \(1\)](#)

SUMMARY

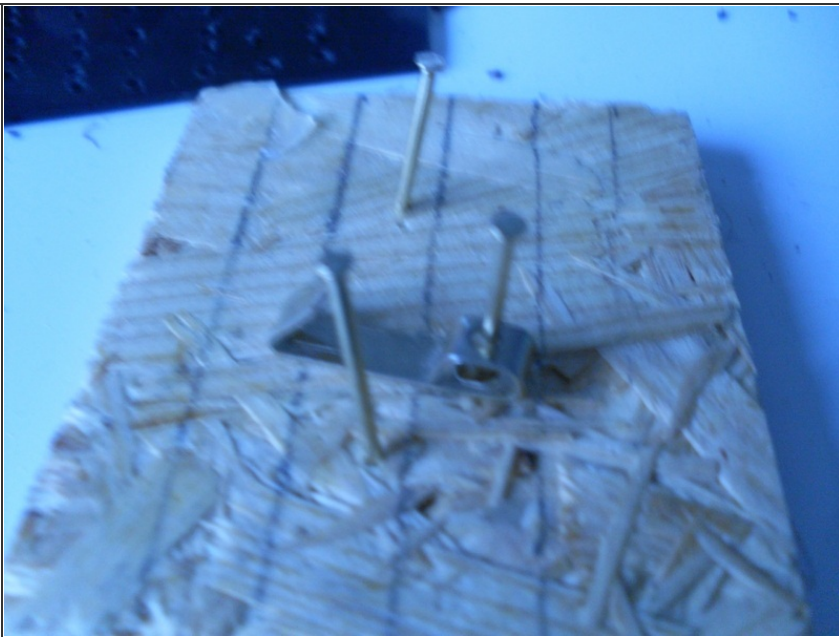
With a few easy steps build a trip wire!

Step 1 — A Simple Trip Wire



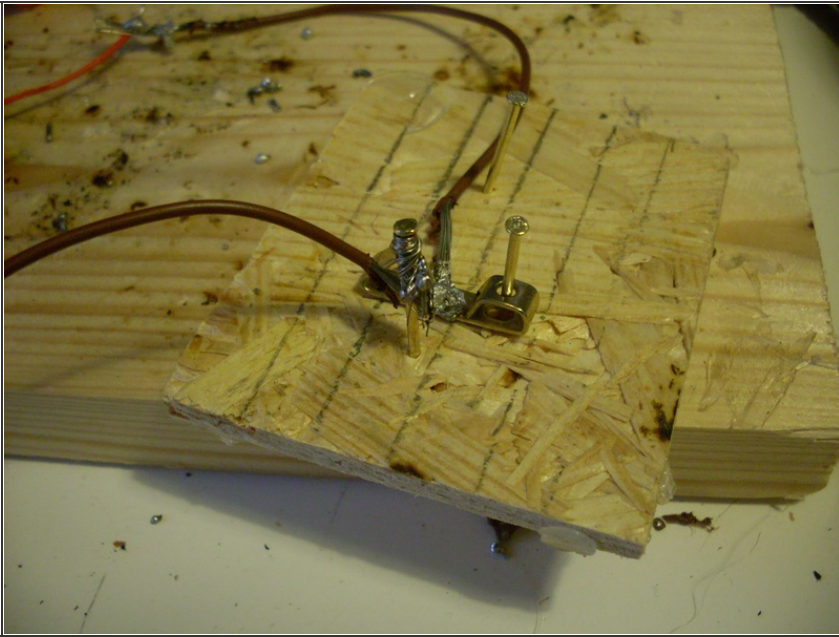
- Solder a wire to one terminal of a beeper or buzzer.

Step 2



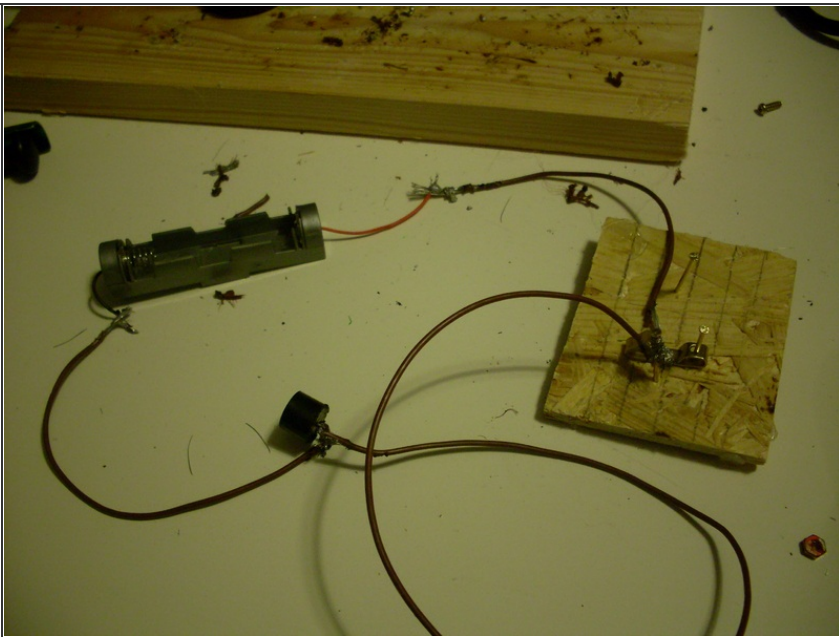
- Put two pins or nails into a board.
- Put in a third pin with a photo hook pivoting on it. Position the pin so that when the hook swings it will contact one of the other two pins.

Step 3



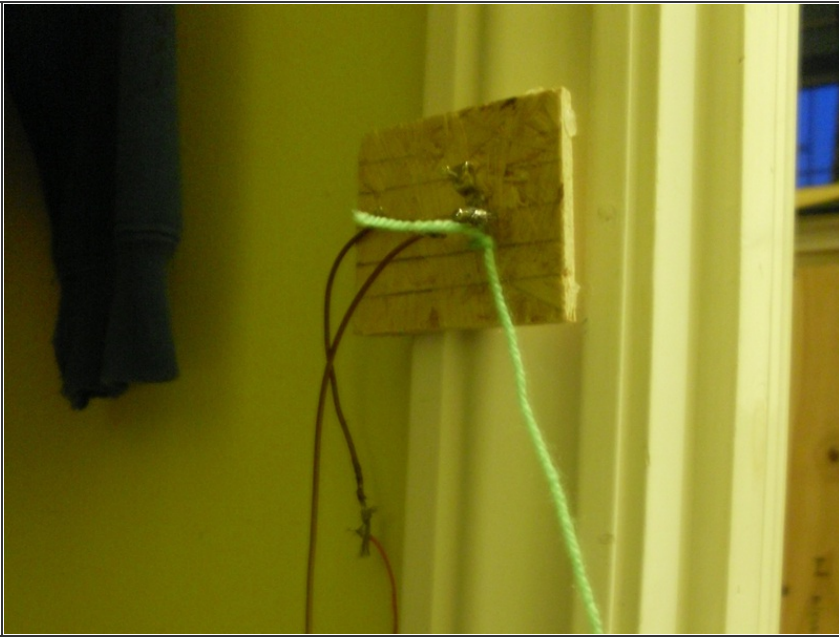
- Solder the wire from the beeper/buzzer to the pin that the hook will touch.
- Solder a wire from a battery pack to the hook.

Step 4



- Complete the circuit by soldering a wire that connects the remaining terminals of the battery pack and the beeper/buzzer.

Step 5



- Tie a string to the hook. Mount the board on one side of a doorway or walkway and stretch the string across to the other side.
- Now wait for someone to walk into your trap!

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